What is claimed is:

- A hinge apparatus having a deceleration section, comprising:
- 5 a rotary shaft;

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- a fixed cam mounted on one side of the rotary shaft;
- a moving cam mounted on one side of the fixed cam for being straightly moved along the rotary shaft via a reciprocating motion taking place between the fixed cam and the moving cam;
- an elastic means for supporting the moving cam to stretch and return to original position;
- a housing for lodging the moving cam and the elastic means; and
- a frictional force generation means mounted on one side of the housing for generating frictional force at a predetermined interval during a reciprocating motion taken place between the fixed cam and the moving cam.
- 2. The hinge apparatus as recited in claim 1, wherein the frictional force generation means includes a fixed friction plate mounted on another side of the rotary shaft for contacting to another side of the housing.
- 25 3. The hinge apparatus as recited in claim 1, wherein the frictional force generation means includes:

- a fixed friction plate mounted another side of the rotary shaft; and
- a moving friction plate mounted on one side of the fixed friction plate for being straightly moved along the rotary shaft.

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- 4. The hinge apparatus as recited in claim 3, wherein the fixed friction plate and the moving friction plate are formed in the shape of a flat board having equally-spaced and many-sided decelerating protrusions stretching in a radial direction toward the edge of the plate on one side and said decelerating protrusions are shaped in such a way that the surfaces thereof lies at an angle to the horizontal and formed on either one or both of the fixed friction plate and the moving friction plate.
- 5. The hinge apparatus as recited in claim 1, wherein said decelerating protrusions are formed in position at a particular time when the fixed cam and the moving cam pass by a fixed point during a reciprocating motion taken place between the fixed cam and the moving cam.